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**FACSIMILE COVER PAGE**

To: Examiner Brandi N. Thomas -- UNITED STATES PATENT AND TRADEMARK OFFICE

Fax No.: (703) 872-9306

No. of Pages: 30 (incl. this page)

From: Kevin W. Stinger

Date: October 11, 2004

File No./Subject: **AMENDMENT AND RESPONSE TO FIRST OFFICE ACTION**

Patent Application

Serial No.: 10/697,725

Filing Date: October 30, 2003

Title: INTEGRATED OPTICAL ISOLATOR AND POLARIZATION BEAM  
COMBINER

Our File: 15436.249.40.1

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**OCT 11 2004****PATENT APPLICATION**  
Docket: 15436.249.40.1**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Deng, et al.

Serial No.:

10/697,725

Confirmation No.:

7720

Filed:

October 30, 2003

For:

INTEGRATED OPTICAL ISOLATOR AND  
POLARIZATION BEAM COMBINER

Examiner:

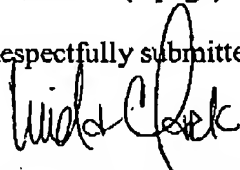
Brandi N. Thomas

) Art Unit  
) 2873**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that the following documents are being filed with the U.S. Patent and Trademark Office via facsimile to Attn: Brandi N. Thomas, Examiner U.S. Patent and Trademark Office, facsimile number: (703) 872-9306 this 11<sup>th</sup> day of October, 2004:

- Transmittal Letter for Amendment and Response to First Office Action (2 pgs.) (in duplicate)
- Amendment and Response to First Office Action (21 pages)
- Pctition and Fee for Two-Month Extension of Time (2 pages)
- Credit Card Form PTO-2038 for \$430.00 (1 page)

Respectfully submitted,



Linda Clark, Assistant to  
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OCT 11 2004

PATENT APPLICATION  
Docket No. 15436.249.40.1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Deng, et al.

Serial No.: 10/697,725

Filed: October 30, 2003

Conf No.: 7720

For: INTEGRATED OPTICAL ISOLATOR AND POLARIZATION  
BEAM COMBINER

Examiner: Brandi N. Thomas

VIA FACIMILE (703) 872-9306

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

### TRANSMITTAL FOR AMENDMENT AND RESPONSE TO FIRST OFFICE ACTION

Sir:

Transmitted herewith is an AMENDMENT AND RESPONSE TO FIRST OFFICE ACTION for entry in the above-identified application, along with:

To render the transmitted Amendment timely filed enclosed are the following:

- ☒ Petition for a Two-Month Extension of Time; and
- ☒ Credit Card Payment Form PTO 2038 in the amount of \$430.00 to cover the fee for the extension of time.
- ☒ A Certificate of Facsimile Transmission Under 37 C.F.R. § 1.6.



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October 11, 2004  
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☒ No additional fee is required.

The fee has been calculated as follows:

			SMALL ENTITY		LARGE ENTITY	
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TOTAL	14-32	= 0	X		X 18	0
INDEPENDENT	3-7	= 0	X		X 86	\$0
1 <sup>st</sup> PRESENTATION OF MULTIPLE DEPENDENT CLAIM			+ _____ =		+ _____ =	
			TOTAL		TOTAL	0

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\_\_\_ Please charge my Deposit Account No. 23-3178 in the amount of \_\_\_\_\_.

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178.

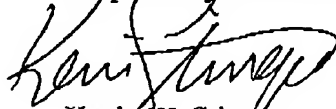
☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.

☒ Any patent application processing fees under 37 CFR 1.17.

☒ A duplicate copy of this transmittal letter is attached.

Dated this 11<sup>th</sup> day of October, 2004.

Respectfully submitted,



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LC0000001720V001